

Converting Colors

YIQ(204.4430, 0.7310, 14.2910)

Have a look what the booklet for
YIQ(204.4430, 0.7310, 14.2910)
contains.

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Color

**YIQ(204.4430, 0.7310,
14.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C3E4
RGB	214, 195, 228
RGB Percent	84%, 76%, 89%
CMY	0.1607, 0.2353, 0.1059
CMYK	0.06, 0.14, 0.00, 0.11
HSL	275°, 38%, 83%
HSV	275°, 14%, 89%
XYZ	61.2526, 58.9265, 81.5402
YIQ	204.4430, 0.7310, 14.2910

Conversions

Conversions Part 2

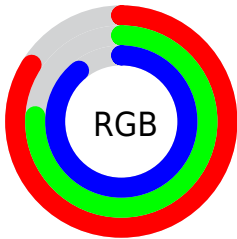
Format	Color
R_{YB}	214, 195, 228
Decimal	14074852
CIE _{Lab}	81.25, 12.70, -13.95
CIE _{LCh}	81, 18.860, 312.312
Yxy	58.9265, 0.3037, 0.2921
Android (android.graphics.Color)	4292264932 (0xFFD6C3E4)
YUV	204.4430, 11.6136, 8.3815
Hunter-Lab	76.7636, 8.0957, -9.2448

Details

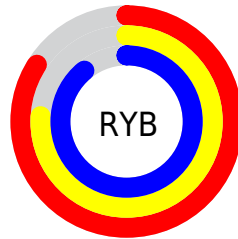
The YIQ color $204.4430, 0.7310, 14.2910$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $218.5570, -0.7310, -14.2910$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.2390, 0.8250, 1.5690$, and $150.0300, 0.4560, 13.7680$ is the 20% darker color. If you saturate the color by 10%, you get $187.9520, 1.0960, 24.2000$, and if you desaturate by 10%, it is $220.9340, 0.3660, 4.3820$.

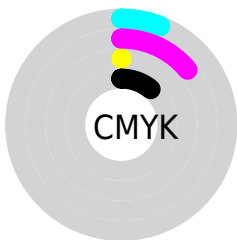
Distribution



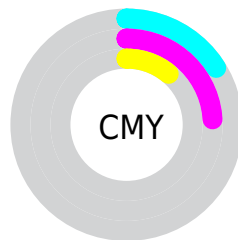
- Red (84%)
- Green (76%)
- Blue (89%)



- Red (84%)
- Yellow (76%)
- Blue (89%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.4430, 0.7310, 14.2910 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 204.4430, 0.7310, 14.2910 by changing the saturation by 10% instead.

■ 204.4430, 0.7310,
14.2910

■ 204.4430, 0.7310,
14.2910

■ 255.0000, -0.0000,
-0.0000

■ 177.0300, 0.4560,
13.7680

■ 253.2390, 0.8250,
1.5690

■ 150.0300, 0.4560,
13.7680

■ 124.5030, 0.5020,
12.9340

■ 99.3890, 0.8230,
12.6230

■ 75.5630, 0.2730,
11.5770

■ 52.5630, 0.2730,
11.5770

■ 31.0360, 0.3190,

10.7430

■ 8.9870, 2.0150,
13.0470

■ 0.0000, 0.0000,
0.0000

■ 204.4430, 0.7310,
14.2910

■ 204.4430, 0.7310,
14.2910

■ 187.9520, 1.0960,
24.2000

■ 220.9340, 0.3660,
4.3820

■ 171.7600, 2.0570,
34.3210

■ 237.1260, -0.5950,
-5.7390

■ 155.8560, 2.1470,
43.7070

■ 248.3340, 1.5150,
-10.9410

■ 139.3650, 2.5120,
53.6160

■ 251.3240, 7.4750,
-8.8210

■ 123.1730, 3.4730,
63.7370

■ 251.9220, 8.6670,
-8.3970

■ 106.6820, 3.8380,
73.6460

■ 90.1910, 4.2030,
83.5550

■ 74.5860, 4.8890,
93.1530

■ 65.1610, 4.8880,
98.6800

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



202.2990, -16.5990, 8.9770



204.4430, 0.7310, 14.2910



205.4680, 16.7780, 15.3220

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204.4430, 0.7310, 14.2910



202.4790, 26.2720, -2.5600



195.2130, -31.8170, -12.5930

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



204.4430, 0.7310, 14.2910



218.5570, -0.7310, -14.2910

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



196.1620, -18.6120, -15.1240



204.4430, 0.7310, 14.2910



200.3910, 14.5360, -10.1360

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



204.4430, 0.7310, 14.2910



203.9730, 30.9930, 5.4970



198.2580, -1.3270, -14.5030



196.4500, -36.6780, -7.0940

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



204.4430, 0.7310, 14.2910



205.3070, 24.4810, 13.3850



198.2580, -1.3270, -14.5030



195.4260, -28.1030, -13.8230

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



204.4430, 0.7310, 14.2910



247.9340, 0.3660, 4.3820



206.9800, -14.4430, 2.9410



122.9940, 0.1370, 3.0250



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



204.4430, 0.7310, 14.2910



224.3770, 1.0970, 18.6730



208.4010, 9.7170, 16.6370



106.4610, 0.3200, 5.2160



51.2030, 3.9290, 77.5050



14.4850, 0.9130, 22.0090

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



206.4630, 15.1740, 11.3500



226.9090, 19.8500, 14.7140



214.5990, -9.7170, -16.6370



107.1580, 5.5470, 4.0990



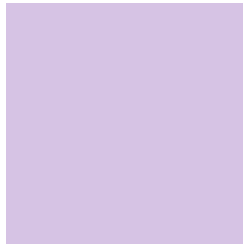
62.1850, 82.2880, 61.5840



17.7570, 23.3340, 17.6540

Previews

White Background



This preview shows how the YIQ color 204.4430, 0.7310, 14.2910 looks on a white background.

Color Contrast Check

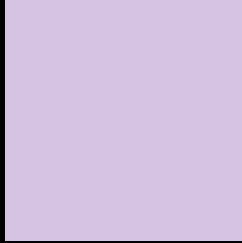
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 204.4430, 0.7310, 14.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

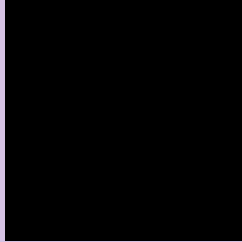
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 204.4430, 0.7310, 14.2910

Background



This preview shows how black text looks on a background with the YIQ color 204.4430, 0.7310, 14.2910.



This preview shows how white text looks on a background with the YIQ color 204.4430, 0.7310,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

204.4430, 0.7310, 14.2910

Protanopia

202.6370, -11.7390, 9.0050

Deuteranopia

204.1220, -2.7990, 12.1850



Tritanopia

203.8960, 3.5290, 7.6330

Trichromacy



Original Color

204.4430, 0.7310, 14.2910

Protanomaly

203.1430, -7.2920, 11.0120

Deuteranomaly

204.1330, -1.3320, 13.1320

Tritanomaly

204.1780, 2.7950, 9.9230

Monochromacy



Original Color

204.4430, 0.7310, 14.2910

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.4610, 0.3200, 5.2160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.4430, 0.7310, 14.2910 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(214, 195, 228)` looks like.

```
.text, #text, p{  
    color:rgb(214, 195, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(214, 195, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 195, 228) }
```

Border

The CSS property to change the border of an element to YIQ 204.4430, 0.7310, 14.2910 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 195, 228) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(214, 195, 228) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(214, 195, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 195, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 195, 228);  
box-shadow:4px 4px 4px 4px rgb(214, 195,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 204.4430, 0.7310, 14.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 195, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(214,  
195, 228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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